

NExTNAS-CNS Workshop 20-21 August 2003



NASA Exploratory Technologies for the NAS
Communications/Navigation/Surveillance Technologies
Research and Development

Workshop Breakout Session Overview and Directions

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NEXTNAS-CNS Project NASA Exploratory Technologies for the NAS



NExTNAS-CNS Breakout Sessions Objectives:

- Review proposed sub-project plans
- Discuss, revise and refine:
 - nature of problems being addressed
 - needs and requirements
 - desired outcome & "product"
- Consider the best approaches to accomplishing subproject goals
- Identify other relevant work being done, other organizations involved, existing industry expertise
- · Identify possible partnerships, collaborations, etc
 - Stimulate collaboration, partnerships, and other potential future relationships (contractual and otherwise)



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NExTNAS-CNS Breakout Sessions Objectives:

Also:

- Capture ideas on test and demonstrations requirements and approaches
 - Appropriate partnerships for technology evaluation and demonstration.
- Capture ideas on other relevant CNS technologies to be investigated (i.e. under the CNS Technologies sub-project)
 - Other near, mid and far term problems and issues
 - Other research needs



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NExTNAS-CNS Breakout Sessions Format:

- An interactive, participatory discussion centered around one or two of the proposed sub-projects.
- With an initial agenda to help obtain the objectives
- Guided by a (non-NASA) session chairperson who has an assistant (NASA) chairperson to provide background, explanations and other information and guidance
- Using a professional session reporter to record session results
- 1-2 page presentations by participants, describing issues, ideas, solutions, etc., are welcome
- Session briefouts presented starting at 10:00 AM Thursday



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NExTNAS-CNS Breakout Sessions

CNS Architectures and Networks

Surface ICNS Network

Spectrum Research

MMDA

VHF System Tech. & Next-Gen Digital Com.

Oceanic C&S, Space-based Surveillance

Transitional CNS Architectu

Global Air/Ground Networks

Surface ICNS Network

Spectrum Research

Multimode/Multifunction Avionics

VHF Systems Optimization

Terminal Area Communications

Oceanic C & S

Space-based Surveillance

CNS Technologies



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NExTNAS-CNS Breakout Sessions Agendas:

Note:

In addition to the Breakout Session Objectives already described, there are some Session Agenda items unique to each Breakout Session.

These specific agendas will be presented at the beginning of each session.